# DISEASES OF THE CHEST AUTHOR INDEX

#### VOLUME 43-JANUARY-JUNE, 1963

Abdel-Hakim, M. and Anwar M. Elwi. Bronchopulmonary schistosomiasis	(4)
Adams, Alberto. See Satinsky, Victor P.	
Adams, Crawford W. Electrocardiogram of the month: retrograde atrial conduction with complete heart block following implantation of an internal ventricular pacemaker	**
Adams, William E. See Bain, William H.	
See Attalla, Philip Y	
Allan, M. L. and W. G. Trapp. Changing indications for resection of pulmonary tuberculosis	
Alley, Ralph D., L. H. S. Van Mierop, Emanuel Y. Li, Harvey W. Kausel and Allan Stranahan.  Progress in cardiovascular surgery; traumatic aortic aneurysm— excision and anastomosis without a graft.	
Andersen, Howard A. See Taylor, Frederick H.	
Anderson, A. E., A. Azcuy, T. Batchelder and Alvan G. Foraker.  Morphogenesis of pulmonary emphysema.	
Aronstam, Elmore M. See Thomas, Paul A., Jr.	
Attalla, Philip Y., Otto Gago and William E. Adams. Vascular replacement and anastomosis while maintaining continuous blood flow.	
Azcuy, A. See Anderson, A. E.	
Babyak, Mary Ann. See Gross, Paul.	
Baffes, Thomas G., Denton A. Cooley, J. Francis Dammann, Jr., William W. L. Glenn and Frank C. Spencer. Current status of palliative vs. corrective procedures in congenital heart surgery (panel discussion)	
Bain, William H., Joseph R. Lancaster, Richard H. Evans, F. G. Schoenfeld, Peter V. Moulder and William E. Adams. Perfusion of wedged pulmonary artery catheter as a method of assessing pulmonary vasomotion.	
Balim, A. I. See Uner, R.	
Baronofsky, Ivan D. See Taylor, Frederick H.	
Bartlett, R. G., N. E. Phillips and G. Wolski. Maximum voluntary ventilation prediction from the velocity-volume loop.	
Batchelder, T. See Anderson, A. E.	
Bay, Emmet B., See Dimond, E. Grey	
Beham, H. See Romanoff, H.	
Benchimol, A. and E. Grey Dimond. Summary of current therapy: exercise apexcardiogram in angina pectoris: its possible usefulness in diagnosis and therapy.	
Bennett, David, Malcolm Jayson and David Rubenstein. The perception of dyspnea.	
Bergh, N. P., G. Birath, S. G. Holmdahl and L. Tivenius. Results of lung resection in tuberculosis four to seven years after operation.	
Bernhard, W. F., J. A. Malcolm and R. H. Wylie. Lung abscess: a study of 148 cases due to aspiration.	
Bernstein, Arthur and Irwin Roseff. Electrocardiogram of the month: reciprocal rhythm with "pseudoreciprocal" rhythm.	
Bersack, Solomon R. and John S. Howe. Asymptomatic mediastinal lymph node hyperplasia of 18 years duration	
Beumer, H. M. and J. C. Gans. Pulmonary cavitary tuberculosis in the armed forces of the Netherlands.	
Birath, G. See Bergh, N. P.	
Bisteni, A. See Sodi-Pallares, D.	
Bovornkitti, Somchai, Prasert Kangsadal, Sapa Limpanichakarn and Chira Indaniyom. Serum transfer of delayed cutaneous hypersensitivity to tuberculin in man	
Brandenburg, Robert O., Conrad R. Lam, Thomas W. Mattingly and Nathaniel E. Reich Unusual causes of heart failure (panel discussion)	
Buechner, Howard A., Coleman B. Rabin, G. W. H. Schepers, David M. Spain and Morton M. Ziskind. Diffuse pulmonary lesions: problems of differential diagnosis (panel discussion)	
Bullock, Allen C., Jr. See Hicks, J. Bernard	
Callaghan, John C. Progress in cardiovascular surgery: mural leaflet advancement for free mitral valve regurgitation resulting from dilatation of annulus	
Campagna, Maurice. Roentgenogram of the month: cysticercosis	
Campbell, Daniel C., Jr. and Dale E. Dominy. Surgically correctable acquired cystic disease of the lung as seen in flying personnel.	

Chan, Angel. See Satinsky, Victor P.	1
Chardack, William, Andrew A. Gage, George Schmiert, Norman B. Thomson, Clarence	
E. Sanford and Wilson Greatbatch. Two years' clinical experience with the implantable	00
pacemaker for complete heart block	22
See Dimond E. Grey	450
Cherniack, Neil S. A study of the frequency of associated cardiac pulmonary disease patients with defects of the atrial septum coming to necropsy  Clark, Terrence. See Fryfogle, James D.	39
Clark, Terrence. See Fryfogle, James D.	464
Clowes, George H. A., Ir. and William E. Neville. Surgical treatment of complications resulting	572
Cohen, Archibald C. and Florence S. Jenney. Changing pattern in causes of death in pulmonary tuberculosis.	65
Cohen, Burson M. and Carl Crandall. Helium-mixing curve low point as an index of pulmonary disability: a study of 496 patients	496
Committee on Cardiovascular Surgery. Report of survey of surgical treatment of atrial	447
Committee on Chemotherapy and Antibiotics. Antibiotic therapy of specific nontuberculous infectious diseases of lower respiratory tract	330
Chemoprophylaxis of tuberculosis	557
Cooley, Denton A. See Baffes, Thomas G.	337
Cote, Roger A., Agnes L. Korthy and Ross C. Kory. Laminated lung macrosections:	
a new dimension in the study and teaching of pulmonary pathology	1
Crandall, Carl and Burton M. Cohen. Helium-mixing curve low point as an index of	
pulmonary disability: a study of 496 patients	496
Crenshaw, Gerald L. See Dysinger, P. W.	17
Cruze, Kenneth, Larry P. Elliott, Gerold L. Schiebler and Myron W. Wheat, Jr.	2.00
Unusual manifestations of patent ductus arteriosus in infancy	563
Cyrowski, Gerald A. See Fryfogle, James D.	464
Dack, Simon. See Dimond, E. Grey	456
Dammann, J. Francis, Jr. See Baffes, Thomas G.	337
Delman, Abner J., Burton Einspruch and Victor A. Landes. Inactive pulmonary tuberculosis activated by resection of giant pulmonary cyst.	324
DeMicheli, A. See Sodi-Pallares, D.	424
Dietrich, Donald E. Roentgenogram of the month: chondrosarcoma of rib	97
Dimond, E. Grey and A. Benchimol. Summary of current therapy: exercise apexcardiogram in angina pectoris: its possible usefulness in diagnosis and therapy	
Emmet B. Bay, William M. Chardack, Simon Dack and Paul M. Zoll.  Heart block, mechanisms and management (panel discussion)	
Dominy, Dale E. and Daniel C. Campbell, Jr. Surgically correctable acquired cystic disease of the lung as seen in flying personnel	240
Douglas, Albert H. Electrocardiogram of the month: inversion of P waves in a case of funnel chest (trichterbrust)	204
	17
Effler, Donald B. and Laurence K. Groves. Progress in cardiovascular surgery: mitral valve	***
replacement—clinical experience with the ball-valve prosthesis	529
Einspruch, Burton. See Delman, Abner J.	324
Elam, James O. See Safar, Peter	34
Elek, Stephen R. See LaDue, John S.	
Elliott, Larry P. See Cruze, Kenneth	
El-Warraki, S. Pattern and behavior of pulmonary tuberculosis in diabetic patients	
Elwi, Anwar M. and M. Abdel-Hakim. Bronchopulmonary schistosomiasis	317
Ettman, Irving K. and Wheelan D. Sutliff. Roentgenographic manifestations of pulmonary histoplasmosis.	587
Evans, Richard H. See Bain, William H.	50
Feldman, William H. and Roy E. Ritts. Pathogenicity studies of group III (Battey) mycobacteria from pulmonary lesions of man	
Foraker, Alvan G. See Anderson, A. E.	
Forse, Max A. Roentgenogram of the month: hemangiopericytoma of chest wall	539
Frey, Walter G., III. Paroxysmal cardiac arrest	551
Fryfogle, James D., Gerald A. Cyrowski, David Rothwell, Gerald Rheault and	
Terrence Clark. Replacement of middle third of esophagus with silicone rubber prosthesis	
Gage, Andrew A. See Chardack, William M.	
Gago, Otto. See Attalla, Philip Y	
Gale, Arthur H. See Zimmerman, Herbert B.	377

Galland, Francisco. Chronic cor pulmonale or chronic pulmonary hypertensive heart disease?	82
Gans, J. C. and H. M. Beumer. Pulmonary cavitary tuberculosis in the armed forces of The Netherlands	494
Gentsch, Kenneth W. See Zimmerman, Herbert B.	377
Glenn, William W. L. See Baffes, Thomas G.	337
Goorwitch, Joseph and Harry Weiner. Bilateral giant subpleural blebs	648
Granville, George E. See Hicks, J. Bernard	208
Greatbatch, Wilson. See Chardack, William M.	225
Green, Robert A. and Howard S. Sanford. Air-fluid levels in emphysematous bullae	193
Greenberg, Leonard F. and S. Benham Kahn. Klebsiella pneumonia with pneumothorax, pneumomediastinum and pneumoperitoneum	546
Greve, Marion J. and Alfred W. Harris. Disseminated histoplasmosis treated with amphotericin B	99
Gross, Paul, James M. McNerney and Mary Ann Babyak. Experimental silicosis	115
Groves, Laurence K and Donald B. Effler. Progress in cardiovascular surgery: Mitral valve replacement—clinical experience with the ball-valve prosthesis	529
Han, F. C. and C. T. Hsing. Clinical observations of bronchography with propyliodone	186
Harris, Alfred W. and Marion J. Greve. Disseminated histoplasmosis treated with amphotericin B	99
Hewitt, William L. Summary of current therapy: treatment of bacterial endocarditis	631
Hicks, J. Bernard, Allen C. Bullock, Jr. and George E. Granville. Pulmonary esoinophilic granuloma with diabetes insipidus	208
Hightower, N. C., Jr. See Langsjoen, Per H.	418
Hill, Lucius D See Morgan, Edward H.	367
Hodgson, Corrin H. and Ronald L. Kaye. Pulmonary arteriovenous fistula and hereditary hemorrha ic telangiectasia	449
Holmdahl, S. J. See Bergh, N. P.	358
Howe, John S. and Solomon R. Bersack. Asymptomatic mediastinal lymph node hyperplasia of 18 years duration.	443
Hsing, C. T. and F. C. Han. Clinical observation of bronchography with propyliodone	186
Hyde, Leroy. Roentgenogram of the month: sarcoidosis	441
Spontaneous pneumothorax	476
Indaniyom, Chira. See Bovornkitti, Somchai	393
Jayson, Malcolm. See Bennett, David	411
Jenney, Florence S. and Archibald C. Cohen. Changing pattern in causes of death in pulmonary tuberculosis.	62
Jennings, W. D. See Wolcott, M. W.	78
Jude, James R. See Safar, Peter.	34
Kahn, S. Benham and Leonard F. Greenberg. Klebsiella pneumonia with pneumothorax, pneumomediastinum and pneumoperitoneum.	546
Kangsadal, Prasert. See Bovornkitti, Somchai	393
Kausel, Harvey W. See Alley, Ralph D.	200
Kaye, Ronald L. and Corrin H. Hodgson. Pulmonary arteriovenous fistula and hereditary hemorrhagic telangiectasia.	449
Korthy, Agnes L. See Cote, Roger A.	1
Kory, Ross C. See Cote, Roger A.	1
Krantz, Simon. See Thoroughman, James C.	320
Ladd, Barry and Harvey Phelps. Incidence of air pollution bronchitis in military personnel in Japan	151
LaDue, John S., Stephen R. Elek, William Likoff and John J. Sampson. Occult myocardial infarction (panel discussion)	120
Laforet, Eugene G. and Russell P. Sherwin. The enigma of bronchiolar carcinoma.	504
Lam, Contad R. See Brandenburg, Robert O.	272
Lancaster, Joseph R. See Bain, William H.	50
Landes, Victor A. See Delman, Abner J.	324
Langsjoen, Per H., M. E. Salem and N. C. Hightower, Jr. Chest pain of diffuse esophageal spasm simulating disease of coronary arteries.	
Lattes, R. and M. Richard Pachter. Uncommon mediastinal tumors.	
Lemon, Frank R. See Dysinger, P. W.	
Li, Emanuel Y. See Alley, Ralph D.	
Likoff, William. See LaDue, John S.	
and Bernard L. Segal. Phonocardiography: a valuable aid to clinical diagnosis	
Limbanicharkarn, Saba, See Boyornkitti, Somchai	393

Lindsay, E. R. See Wasserburger, R. H.	594
Linn, Harold and Alfred Pick. Electrocardiogram of the month: anteroseptal myocardial	
infarction developing in stages.	644
Lisa, James R. See Rosenblatt, Milton B.	605
Lowen, George and Harry Vesell. Electrocardiogram of theh month: normal intraventricular	
conduction following post-extrasystolic pause in bundle branch block	94
Lyons, William S. See Taylor, Frederick H.	68
McNerney, James M. See Gross, Paul	115
Malcolm, J. A. See Bernhard, W. F.	620
Mann, Bertram. Dichlorphenamide in treatment of bronchoemphysematous patients	285
Master, Arthur M. and Isadore Rosenfeld. Editorial: the Lown cardiovertor	213
Summary of current therapy: treatment of "impending infarction" (premonitory phase of coronary occlusion)	302
Mattingly, Thomas W. See Brandenburg, Robert O.	272
Medrano, G. A. See Sodi-Pallares, D.	424
Mendeloff, Joseph. See Thoroughman, James C.	320
Milwidsky, H. See Romanoff, H.	601
Morgan, Edward H., Lucius D. Hill and David K. Selby. Objective assessment of gastroesophageal reflux secondary to hiatal hernia	367
Morris, John W. Roentgenogram of the month: traumatic aneurysm of aorta	309
Moulder, Peter V. See Bain, William H.	50
Myers, J. Arthur. Editorial: Can tuberculosis be eradicated?	327
Editorial: State health officials and tuberculosis in schools	652
Neville, William E. and George H. A. Clowes, Jr. Surgical treatment of complications resulting from cardioesophageal incompetence	572
Oberman, Harold A. Sympathicoblastoma of the anterior mediastinum	314
Oktem, K. See Uner, R.	
Othersen, H. Biemann, Jr. and Wendell B. Thrower.  Non-opaque foreign body bronchiectasis	554
Pachter, M. Richard and R. Lattes. Uncommon mediastinal tumors	519
Phelps, Harvey and Barry Ladd. Incidence of air pollution bronchitis in military personnel in Japan	151
Phillips, N. E. See Bartlett, R. G.	
Pick, Alfred and Harold Linn. Electrocardiogram of the month: anteroseptal myocardial infarction developing in stages	644
Pont, Manard E. and William C. Rountres. Medical and surgical treatment of staphylococcal pneumonia.	
Postlethwait, Raymond M. See Taylor, Frederick H.	68
Pritham, Howard and Rodolfo V. Young. Prevalence of tuberculin sensitivity in Panama Canal Zone	
Pump, K. K. The bronchial arteries and their anastomoses in the human lung	
Quinn, James L., III. Roentgenogram of the month: bullet embolus from inferior vena cava	
to right ventricular chamber	
Rabin, Coleman B. See Buechner, Howard A.	
Reich, Nathaniel E. See Brandenburg, Robert O	
Rheault, Gerald. See Fryfogle, James D. Rigler, Leo G. Editorial: development of carcinoma of the lung	109
Ritts, Roy E. and William H. Feldman. Pathogenicity studies of group III (Battey)	
Romanoff, H., H. Milwidsky and H. Beham. Surgical treatment in late complications of primary tuberculosis	
Roseff, Irwin and Arthur Bernstein. Electrocardiogram of the month: reciprocal rhythm with "pseudoreciprocal" rhythm	305
Rosenblatt, Milton B., Salvador Trinidad, James R. Lisa and Victor Tchertkoff. Specific epithelial degeneration (ciliocytophthoria) in inflammatory and malignant respiratory disease.	
Rosenfeld, Isadore and Arthur M. Master. Editorial: The Lown cardiovertor	
Rothwell, David. See Fryfogle, James D.	
Rotman, H. H. and C. R. Woolf. Diffusing capacity of lungs at rest and on exercise in adults with atrial or ventricular septal defect	613
Rountree, William C. and Manard E. Pont. Medical and surgical treatment of	
staphylococcal pneumonia Rubenstein, David. See Bennett, David	176
Rubenstein, David. See Bennett, David	411
Russek, Henry I. Summary of current therapy: present status of anticoagulant therapy in acute myocardial infarction	541
Safar, Peter, James O. Elam, James R. Jude, Robert J. Wilder and Paul N. Zoll.	
Resuscitative principles for sudden cardiopulmonary collapse (panel discussion)	34

Salem, N. E. See Langsjoen, Per H.	41
Salomon, Siegfried. Electrocardiogram of the month: premature systoles with myocardial injury produced by exercise test	43
Sampson, John J. See LaDue, John S.	12
Sanford, Clarence E. See Chardack, William M.	22
Sanford, Howard S. and Robert A. Green. Air-fluid levels in emphysematous bullae	19
Sarris, M. C. Secondary echinococcosis of pleura following ruptured hydatid cyst of lung	10
Satinsky, Victor P., Angel Chan and Alberto Adams. Utilization of posterior sinus of	
Valsalva for creation of a third coronary artery	15
Schepers, G. W. H. See Buechner, Howard A. Schiebler, Gerold L. See Cruze, Kenneth	56
Schimert, George. See Chardack, William M.	22
Schoenfeld F G See Bain William H	5
Segal, Bernard L. and William Likoff. Phonocardiography: a valuable aid to clinical diagnosis	36
Selby, David K. See Morgan, Edward H. Shaver, W. A. See Wolcott, M. W.	7
Sherwin, Russell P. and Eugene G. Laforet. The enigma of bronchiolar carcinoma	50
Sodi-Pallares, D., A. Bisteni, G. A. Medrano, M. R. Testelli and A. DeMicheli.	**
Summary of current therapy: polarizing treatment of acute myocardial infarction	15
Spain, David M. See Buechner, Howard A	33
Starkey, George W. B. Progress in cardiovascular surgery: congenital mitral stenosis	
and mitral insufficiency	63
Subcommittee on spirometric terminology and stand ards. Clinical spirometry	21
Sutliff, Wheelan D. and Irving K. Ettman. Roentgenographic manifestations of pulmonary histoplasmosis	59
Taylor, Frederick H., Howard A. Andersen, Ivan D. Baronofsky, William S. Lyons and	
Raymond W. Postlethwait. Esophageal emergencies (panel discussion)	(
Tchertkoff, Victor. See Rosenblatt, Milton B.	60
Testelli, M. R. See Sodi-Pallares, D. Thomas, Paul A., Jr., Elmore M. Aronstam and Dean F. Winn, Jr. Contralateral	42
pneumothorax: a complication of pneumonectomy	31
Thomson, Norman B. See Chardack, William M.	22
Thoroughman, James C., Simon Krantz, Joseph Mendeloff and William C. Wansker.	0.0
Five-year survival without symptoms of superior sulcus tumor.  Thrower, Wendell B. and H. Biemann Othersen, Jr. Nonopaque foreign body bronchiectasis	32 55
Tivenius, L. See Bergh, N. P.	35
Trapp, W. G. and M. L. Allan. Changing indications for resection of pulmonary tuberculosis	
Trinidad, Salvador. See Rosenblatt, Milton B.	
Uner, R., A. I. Balim and K. Oktem. Mediastinal liposarcoma  Vance, John W. Bellows-type spirometer for measuring forced expirogram.	10
Van Mierop, L. H. S. See Alley, Ralph D.	20
Vesell, Harry and George Lowen. Electrocardiogram of the month: normal intraventricular	
conduction following post-extrasystolic pause in bundle branch block	1
Walden, Richard T. See Dysinger, P. W. Wansker, William C. See Thoroughman, James C.	32
Wasserburger, R. H., D. H. White and E. R. Lindsay. Incomplete left bundle branch block	
Webster, B. H. Bronchopulmonary cryptococcosis.	51
Weiner, Harry and Joseph Goorwitch. Bilateral giant subpleural blebs	
Weinstein, H. J. Current appraisal of diagnosis and treatment of bronchogenic carcinoma	70
vascular delects	29
Wheat, Myron W., Jr. See Cruze, Kenneth	56
Wheeler, H. Brownell. Progress in cardiovascular surgery: the many faces of "pulseless disease"	43
White, D. H. See Wasserburgher, R. H. Wilder, Robert J. See Safar, Peter	59
Willner, Irving. Can tuberculosis be eradicated?	26
Winn, Dean F., Ir. See Thomas, Paul A., Ir.	31
Wolcott, M. W., W. A. Shaver and W. D. Jennings. Spontaneous pneumothorax—management	-
by tube thoracostomy and suction.	38
Woolf, C. R. Respiratory function and cardiac dyspnea	14
Wolski, G. See Bartlett, R. G. Woolf, C. R. Respiratory function and cardiac dyspnea and H. H. Rotman. Diffusing capacity of lungs at rest and on exercise in	
adults with atrial or ventricular septal defect	b I
Wylie, R. H. See Bernhard, W. F	62
Panama Canal Zone	17
2	
Action of potassium on the atrioventricular node in digitalized patients	37
Ziskind, Morton M. See Buechner, Howard A.	15
Zoll, Paul M. See Safar, Peter	45
See Dimond, E. Grey  Zorini, Attilio Omodei. Further developments in human and bovine antituberculosis	10
chemoprophylaxis with isoniazid in Italy	13

# DISEASES OF THE CHEST SUBJECT INDEX

#### VOLUME 43—JANUARY-JUNE, 1963

Abscess, lung, due to aspiration	620
Air pollution bronchitis, incidence	
Amphotericin B, disseminated histoplasmosis treated with	99
Angina pectoris, exercise apexcardiogram in	9:
Antibiotic therapy, specific nontuberculous infectious diseases, lower respiratory tract	330
Anticoagulant therapy in acute myocardial infarction	541
Aorta, traumatic aneurysm	309
Apexcardiogram in angina pectoris	92
Arteriovenous fistula, pulmonary	
Atrial septal defects and pulmonary disease	397
survey of surgical treatment of	
Bacterial endocarditis, treatment	631
Ball-valve prosthesis	
Blebs, bilateral giant subpleural	648
Book reviews:	
Voice and speech disorders: medical aspects, by Nathaniel M. Levin	110
Flaechen und elektrokymographie, by Josef Lissner	
Disseminating fungus diseases of the lung, by Alvis E. Greer	224
Appraisal of current concepts in anesthesiology, edited by John Adriani	224
Thoracic and cardiovascular surgery with related pathology, by Gustaf Lindskog,	
11. 21.00 12. 20.00 11. 20.00 11. 20.00 11. 20.00 11.	224
Bronchial arteries and their anastomoses	
Bronchiectasis	
Bronchoemphysematous patient, dichlorphenamide in	
Bronchography with propyliodone	
Bullae, emphysematous, with air-fluid levels	
Bundle branch block, electrocardiogram in	
incomplete left	594
Carcinoma, of lung, development (editorial)	
bronchogenic, appraisal	
bronchiolar	
Cardiac arrest, paroxysmal	551
Cardioesophageal incompetence, surgical treatment of complications	
Cardiopulmonary collapse, resuscitative principles	
Chemoprophylaxis with isoniazid	
Chondrosarcoma of rib	
Ciliocytophthoria in inflammatory and malignant respiratory disease	
Collapse, cardiopulmonary	
Congenital heart surgery, palliative vs. corrective procedures	
Cor pulmonale, chronic	
Cryptococcosis, bronchopulmonary	
Cystic disease of lung, acquired	
Cysticercosis	
Diabetic patients, with tuberculosis	
Diffuse pulmonary lesions, problems of differential diagnosis	
Diffusing capacity of lungs	
Dyspnea, cardiac	
perception	
Echinococcosis, secondary, of pleura	106
Editorials:	
The Lown cardiovertor	
Can tuberculosis be eradicated?	
State health officials and tuberculosis in schools	652
Electrocardiogram of the month:	
January: normal intraventricular conduction following postextrasystolic pause	
in bundle branch block	94

February: inversion of P waves in case of funnel chest (trichterbrust)	204
March: reciprocal rhythm with "pseudoreciprocal" rhythm	305
April: premature systoles with myocardial injury produced by exercise test	439
May: retrograde atrial conduction with complete heart block following implantation of	
internal ventricular pacemaker	544
June: anteroseptal myocardial infarction developing in stages	644
Emphysema, pulmonary, in non-smoking population	17
morphogenesis	350
Endocarditis, bacterial, treatment	631
Eosinophilic granuloma, pulmonary, with diabetes insipidus	208
Epithelial degeneration (ciliocytophthoria) in inflammatory and malignant respiratory disease	605
	68
spasm, pain in	418
Esophagus, replacement of middle third	464
Exercise test producing premature systoles	439
	57
Funnel chest (trichterbrust), inversion of P waves in	204
Gastroesophageal reflux secondary to hiatal hernia	367
Granuloma, pulmonary eosinophilic	
Heart block, complete, implantable pacemaker for	225
mechanisms and management	
following implantation of internal ventricular pacemaker	
Heart failure, unusual causes	
Helium-mixing curve low point	
Hiatal hernia, assessment of gastroesophageal reflux secondary to	
Histoplasmosis, disseminated, treated with amphotericin B	
pulmonary, roentgenologic manifestations	
Hydatid cyst, ruptured, of lung	
the state of the s	496
Infarction, impending, treatment	
Isoniazid chemoprophylaxis	
Klebsiella pneumonia	
Laminated lung macrosections	
Liposarcoma, mediastinal	103
Maximum voluntary ventilation prediction from V-V loop	
Mediastinal lymph node hyperplasia, asymptomatic	443
tumors, uncommon	519
Mediastinum, liposarcoma of	103
Mitral insufficiency and congenital mitral stenosis	
Mitral stenosis, congenital, and mitral insufficiency	639
Mitral valve regurgitation, free	87
replacement	529
Mycobacteria, group III (Battey)	26
Myocardial infarction, occult	120
acute, polarizing treatment of	424
anteroseptal	644
anticoagulant therapy	
Pacemaker, implantable, for complete heart block	
retrograde atrial conduction with complete heart block	
Pain of esophageal spasm	418
Patent ductus arteriosus in infancy, unusual manifestations	563
Pain of esophageal spasm Patent ductus arteriosus in infancy, unusual manifestations Pathogenicity studies of group III (Battey) mycobacteria	26
remusion of wedged pulmonary artery catheter	30
Phonocardiography Pleura, secondary echinococcosis of	256
Pneumomediastinum	546
Pneumonectomy	311
Pneumonia, Klebsiella	546
Pneumoperitoneum	546
Pneumothorax, spontaneous, management	78
contralateral and Klebsiella pneumonia	546
spontaneous	476

Between parties an exclusive visites and in Marketing and and	377
Potassium action on atrioventricular node in digitalized patients	
Premature systoles with myocardial injury	439
Progress in cardiovascular surgery:  January: mural leaflet advancement for free mitral valve regurgitation resulting from dilatation of annulus	87
February: traumatic aortic aneurysm — excision and anastomosis without graft	
March: materials for repair of vascular defects	
April: many faces of "pulseless disease"	
May: mitral valve replacement—clinical experience with ball-valve prosthesis	
June: congenital mitral stenosis and mitral insufficiency	
Propyliodone for bronchography	
Prosthesis, ball-valve	
Pulmonary disease with atrial septal defects	397
Pulseless disease	
Resection, results of, in tuberculosis	
changing indications	
Respiratory function and cardiac dyspnea	
Resuscitative principles for sudden cardiopulmonary collapse	
Retrograde atrial conduction with complete heart block	
Rib, chondrosarcoma	
Roentgenogram of the month:	
January: chondrosarcoma of rib	
February: bullet embolus from inferior vena cava to right ventricular chamber	
March: traumatic aneurysm of aorta	
April: sarcoidosis	
May: hemangiopericytoma of chest wall  June: cysticercosis	
Sarcoidosis	
Schistosomiasis, bronchopulmonary	
Septal defect, atrial and ventricular	
Serum transfer of delayed cutaneous hypersensivitiy to tuberculin in man	
Silicosis, experimental	
Sinus of Valsalva, posterior, utilization for creation of third coronary artery	
Spirometer, Bellows-type for measuring forced expirogram	
Spirometry, clinical	214
Staphylococcal pneumonia, treatment	
Subpleural blebs	648
January: exercise apexcardiogram in angina pectoris: its possible usefulness	
in diagnosis and therapy	92
March: treatment of "impending infarction" (premonitory phase of coronary occlusion)	302
April: polarizing treatment of acute myocardial infarction	
May: present status of anticoagulant therapy in acute myocardial infarction	
Superior sulcus tumor, five-year survival	
Sympathicoblastoma, anterior mediastinum	314
Telangiectasia, hereditary hemorrhagic	449
Traumatic aortic aneurysm	200
Tuberculin sensitivity, prevalence in Panama Canal Zone delayed cutaneous hypersensitivity	172
Tuberculosis, changing pattern in causes of death	62
can it be eradicated?	5, 327
inactive, activated by resection of cvst	324
results of lung resection in	358
changing indications for resection in armed forces in The Netherlands	486
chemoprophylaxis	557
in diabetic patients	582
surgical treatment of late complications	. 601
in schools (editorial)	657
Valve replacement, mitral	529
Vascular defects, materials for repair of	290
Vascular replacement and anastomosis	481
Velocity-Volume loop	382

# DISEASES of the CHEST



VOLUME 43 JANUARY-JUNE, 1963

# DISEASES of the CHEST

Official Publication

of the

#### AMERICAN COLLEGE OF CHEST PHYSICIANS

EDITORIAL BOARD

JAY ARTHUR MYERS, Chairman Minneapolis, Minnesota

Andrew L. Banyai Chicago ARTHUR M. MASTER
New York

HENRY C. SWEANY Mount Vernon, Missouri RICHARD H. OVERHOLT
Boston

ASSOCIATE EDITORS

JOHN M. ADAMS
Los Angeles

WILLIAM E. ADAMS
Chicago

MILTON W. ANDERSON Rochester, Minn.

FOUAD BASHOUR

Dallas

Boston

EDWARD A. BOYDEN
Seattle

ELIOT CORDAY
Beverly Hills, Calif.

STEPHEN R. ELEK New York

SEYMOUR M. FARBER San Francisco

BENJAMIN FELSON Cincinnati

HANS H. HECHT Salt Lake City

PAUL H. HOLINGER Chicago

> ROSS C. KORY Milwaukee

WILLIAM LESTER
Denver

A. R. VALLE Washington, D. C. WILLIAM LIKOFF
Philadelphia

THOMAS W. MATTINGLY Washington, D. C.

OGLESBY PAUL Chicago

JOSEPH W. PEABODY, JR. Washington, D. C.

Leo G. RIGLER
Los Angeles

Brooklyn, N. Y.

Iowa City

#### Corresponding Associate Editors

Donato G. Alarcon, Mexico
Mariano M. Alimurung, Philippines
Jose Ignacio Baldo, Venezuela
Etienne Bernard, France
Ite Boerema, The Netherlands
Clarence Crafoord, Sweden
Lopo de Carvalho, Portugal
Celal Ertug, Turkey
Ovidio Garcia Rosell, Peru
Fernando D. Gomez, Uruguay
Joachim Hein, Germany

H. W. Knipping, Germany
William Loeffler, Switzerland
David P. Marais, South Africa
Andre Meyer, France
Papken S. Mugrditchian, Lebanon
Jo Ono, Japan
Hector Orrego Puelma, Chile
Juda M. Pauzner, Israel
Hilary Roche, Australia
Raul F. Vaccarezza, Argentina
Raman Viswanathan, India

Attilio Omodei Zorini, Italy

EXECUTIVE OFFICE

112 East Chestnut Street, Chicago 11, Illinois, U.S.A.

MURRAY KORNFELD, Managing Editor

WARD BENTLEY, Publication Manager

# Number 1, January 1963

Laminated lung macrosections: a new dimension in the study and teaching of pulmonary pathology.  Roger A. Cote, Agnes L. Korthy and Ross C. Kory, Milwaukee	
Utilization of the posterior sinus of salsalva for the creation of a third coronary artery.  Victor P. Satinsky, Angel Chan and Alberto Adams, Philadelphia	
Pulmonary emphysema in a non-smoking population.  P. W. Dysinger, Frank R. Lemon, Loma Linda, California; Gerald L. Crenshaw, Oakland, and Richard T. Walden, Loma Linda, California.	
Pathogenicity studies of group III (Battey) mycobacteria from pulmonary lesions of man.  William H. Feldman and Roy E. Ritts, Washington, D. C	
Resuscitative principles for sudden cardiopulmonary collapse (panel discussion).  Peter Safar, Pittsburgh; James O. Elam, Buffalo; James R. Jude, Robert J. Wilder, Baltimore; and Paul M. Zoll, Boston	5
Perfusion of the wedged pulmonary artery catheter as a method of assessing pulmonary vasomotion.  William H. Bain, Joseph R. Lancaster, Richard H. Evans, F. G. Schoenfeld,  Peter V. Moulder and William E. Adams, Chicago	
A bellows-type spirometer for measuring the forced expirogram. John W. Vance, Buffalo	
Changing pattern in causes of death in pulmonary tuberculosis.  Florence S. Jenney and Archibald C. Cohen, Butler, Pennsylvania	(
Esophageal emergencies (panel discussion).  Frederick T. Taylor, Charlotte, North Carolina; Howard A. Andersen, Rochester, Minnesota; Ivan D. Baronofsky, San Diego; William S. Lyons, Washington, D. C.; and Raymond W. Postlethwait, Durham, North Carolina	6
Spontaneous pneumothorax—management by tube thoracostomy and suction.  M. W. Wolcott and W. A. Shaver, Coral Gables, Florida; and W. D. Jennings, Augusta, Georgia.	7
Chronic cor pulmonale or chronic pulmonary hypertensive heart disease?  Francisco Galland, Mexico City, Mexico	8
Progress in cardiovascular surgery: mural leaflet advancement for free mitral valve regurgitation resulting from dilatation of the annulus. John C. Callaghan, Edmonton, Canada	8
Summary of current therapy: the exercise apexcardiogram in angina pectoris: its possible usefulness in diagnosis and therapy.  E. Grey Dimond and A. Benchimol, La Jolla, California	9
Electrocardiogram of the month: normal intraventricular conduction following post-extrasystolic pause in bundle branch block; with critical rate phenomenon.  Harry Vesell and George Lowen, New York City	9
Roentgenogram of the month. Donald E. Dietrich, Duluth, Minnesota	9
Case reports:	
Disseminated histoplasmosis treated with amphotericin B.  Marion J. Greve and Alfred W. Harris, Dallas	9
Mediastinal liposarcoma. R. Uner, A. I. Balim and K. Öktem, Izmir, Turkey	10
Secondary echinococcosis of the pleura following ruptured hydatid cyst of the lung.  M. C. Sarris, Athens, Greece	10
Editorial: development of carcinoma of the lung. Leo G. Rigler, Los Angeles	10
Scientific news reports, interim meeting	11
Number 2, February, 1963	
Experimental silicosis: a model for the study of inflammatory pulmonary reticulin.  Paul Gross, James M. McNerney and Mary Ann Babyak, Pittsburgh	11
Occult myocardial infarction (panel discussion).  John S. La Due, Stephen R. Elek, New York City; William Likoff, Philadelphia; and	12
Further developments in human and bovine antituberculosis chemoprophylaxis with isoniazid in Italy.  Attilio Omodei Zorini, Rome, Italy	13
Respiratory function and cardiac dyspnea. C. R. Woolf, Toronto, Canada	14
Incidence of air pollution bronchitis in military personnel in Japan.  Captain Barry Ladd and Lt. Colonel Harvey Phelps, Yokota Air Base, Japan	15

Diffuse pulmonary lesions: the problems of differential diagnosis (panel discussion).  Howard A. Buechner, New Orleans; Coleman B. Rabin, New York City; G. W. H. Schepers, Wilmington, Delaware; David M. Spain, Brooklyn and Morton M. Ziskind, New Orleans	
Prevalence of tuberculin sensitivity in the Panama Canal Zone.  Rodolfo V. Young and Howard Pritham, Ancon, Canal Zone	
The medical and surgical treatment of staphylococcal pneumonia.  Manard E. Pont and William C. Rountree, San Francisco.	
Clinical observation of bronchography with propyliodone (Dionosil).  C. T. Hsing and F. C. Han, Taiwan, Republic of China.	
Air-fluid levels in emphysematous bullae.  Howard S. Sanford and Robert A. Green, Ann Arbor, Michigan	
Progress in cardiovascular surgery: traumatic aortic aneurysm—excision and anastomosis without a graft. Ralph D. Alley, L. H. S. Van Mierop, Emmanuel Y. Li, Harvey W. Kause and Allan Stranahan, Albany, New York	el
Electrocardiagram of the month: inversion of the P waves in a case of funnel chest (trichterbrust)  Albert H. Douglas, New Hyde Park, New York	
Roentgenogram of the month. James L. Quinn, III, Winston-Salem, North Carolina	. :
Case report:  Pulmonary eosinophilic granuloma with diabetes insipidus.  J. Bernard Hicks, Allen C. Bullock, Jr. and George E. Granville, Houston	. 1
Editorial: the Lown cardiovertor. Arthur M. Master and Isadore Rosenfeld, New York City	
Clinical spirometry. Section on Pulmonary Function Testing, Committee on Pulmonary Physiology	
Scientific news reports from interim session.	
Books reviews	
Number 3, March, 1963	
Two years' clinical experience with the implantable pacemaker for complete heart block.  William M. Chardack, Andrew A. Gage, George Schimert, Norman B. Thomson,  Clarence E. Sanford and Wilson Greatbatch, Buffalo	
Surgically correctable acquired cystic disease of the lung as seen in flying personnel.  Dale E. Dominy and Daniel C. Campbell, Jr., Lackland Air Force Base, Texas	
The bronchial arteries and their anastomoses in the human lung. K. K. Pump, Vancouver, Canada	
Phonocardiography: a valuable aid to clinical diagnosis. Bernard L. Segal and William Likoff, Philadelphia	
Can tuberculosis be eradicated? Irving Willner, Newark	- 1
Unusual causes of heart failure (panel discussion).  Robert O. Brandenburg, Rochester, Minnesota; Conrad R. Lam, Detroit;  Thomas W. Mattingly, Washington, D. C. and Nathaniel E. Reich, Brooklyn	- 2
Dichlorphenamide in the treatment of the broncho-emphysematous patient.  Bertram Mann, Halifax, England	
Progress in cardiovascular surgery: materials for repair of vascular defects.  Sigmund A. Wesolowski, Brooklyn	
Summary of current therapy: treatment of "impending infarction" (premonitory phase of coronary occlusion). Arthur M. Master, New York City	
Electrocardiogram of the month: reciprocal rhythm with "pseudoreciprocal" rhythm.  Irwin Roseff and Arthur Bernstein, Newark	
Roentgenogram of the month. John W. Morris, Atlanta	
Case reports:  Contralateral pneumothorax: a complication of pneumonectomy.	,
Paul A. Thomas, Jr., Elmore M. Aronstam and Dean F. Winn, Jr., Denver	
Bronchopulmonary schistosomiasis. M. Abdel-Hakim and Anwar M. Elwi, Cairo, Egypt	
Five-year survival without symptoms of superior sulcus tumor. James C. Thoroughman, Simon Krantz, Joseph Mendeloss and William C. Wansker, Atlanta	
Inactive pulmonary tuberculosis activated by resection of a great pulmonary cyst.  Abner J. Delman, Burton Einspruch and Victor A. Landes, New York City	
Editorial: can tuberculosis be eradicated? J. Arthur Myers, Minneapolis	
Antibiotic therapy of specific nontuberculous infectious diseases of the lower respiratory tract.	
Report of the Committee on Chemotherapy and Antibiotics.	. 5

# Number 4, April, 1963

Current status of palliative vs. corrective procedures in congenital heart surgery (panel discussion) Thomas G. Baffes, Chicago; Denton A. Cooley, Houston; J. Francis Dammann, Jr., Charlottesville, Virginia; William W. L. Glenn, New Haven; and Frank C. Spencer,	)
Lexington	337
Morphogenesis of pulmonary emphysema.  A. E. Anderson, Jr., A. Azcuy, T. Batchelder and Alvan G. Foraker, Jacksonville	350
Results of lung resection in tuberculosis four to seven years after operation.  N. P. Bergh, G. Birath, S. G. Holmdahl and L. Tivenius, Goteborg, Sweden	358
Objective assessment of gastroesophageal reflux secondary to hiatal hernia.  Edward H. Morgan, Lucius D. Hill and David K. Selby, Seattle	367
Action of potassium on the atrioventricular node in digitalized patients.  Herbert B. Zimmerman, Kenneth W. Gentsch and Arthur H. Gale, St. Louis	377
Maximum voluntary ventilation prediction from the velocity-volume loop.  R. G. Bartlett, N. E. Phillips and G. Wolski, Pensacola, Florida	382
Serum transfer of delayed cutaneous hypersensitivity to tuberculin in man.  Somchai Bovornkitti, Prasert Kangsadal, Sapa Limpanichakarn and Chira Indaniyom, Dhonburi, Thailand	393
A study of the frequency of associated cardiac pulmonary disease patients with defects of the atrial septum coming to necropsy. Neil S. Cherniack, Chicago.	397
Current appraisal of diagnosis and treatment of bronchogenic carcinoma.  H. J. Weinstein, Duarte, California	404
The perception of dyspnea. David Bennett, Malcolm Jayson and David Rubenstein, London, England	411
Chest pain of diffuse esophageal spasm simulating disease of the coronary arteries.  Per H. Langsjoen, M. E. Salem and N. C. Hightower, Jr., Temple, Texas	418
Summary of current therapy: the polarizing treatment of acute myocardial infarction.  D. Sodi-Pallares, A. Bisteni, G. A. Medrano, M. R. Testelli and A. DeMicheli, Mexico City	424
Progress in cardiovascular surgery: the many faces of "pulseless disease".  H. Brownell Wheeler, West Roxbury, Massachusetts	433
Electrocardiagram of the month: premature systoles with myocardial injury produced by exercise test. Siegfried Salomon, Staten Island, New York	439
Roentgenogram of the month. Leroy Hyde, Long Beach, California	441
Case report:	
Asymptomatic mediastinal lymph node hyperplasia of eighteen years duration.  Solomon R. Bersack and John S. Howe, Washington, D. C	443
Survey of surgical treatment of atrial septal defects.  Report of the committee on cardiovascular surgery	447
Number 5, May, 1963	
Pulmonary arteriovenous fistula and hereditary hemorrhagic telangiectasia: a review and report of 35 cases of fistula.  Corrin H. Hodgion and Ronald L. Kaye, Rochester, Minnesota	449
Heart block: mechanisms and management (panel discussion).  E. Grey Diamond, La Jolla, California; Emmet B. Bay, Chicago; William M. Chardack, Buffalo; Simon Dack, New York City; and Paul M. Zoll, Boston	456
Replacement of the middle third of the esophagus with a silicone rubber prosthesis.  James D. Fryfogle, Gerald A. Cyrowski, David Rothwell, Gerald Rheault, and Terrance Clark, Southfield Michigan.	464
Spontaneous pneumothorax. Leroy Hyde, Long Beach, California	476
Vascular replacement and anastomosis while maintaining continuous blood flow.  Philip Y. Attalla, Otto Gago and William E. Adams, Chicago	481
Changing indications for the resection of pulmonary tuberculosis.	
W. G. Trapp and M. L. Allan, Vancouver, Canada	486

6	-	,	
O	7	4	ŀ

	n:		_		
- 1	LИ	se	:8:	ies	8 6

0/4	he Ches
Pulmonary cavitary tuberculosis in the armed forces of the Netherlands.  H. M. Beumer and J. C. Gans, Utrecht, The Netherlands	494
Helium-mixing curve low point as an index of pulmonary disability: a study of 496 patients.  Burton M. Cohen and Carl Crandall, Jersey City	496
The enigma of bronchiolar carcinoma. Russell B. Sherwin and Eugene G. Laforet, Boston	504
Bronchopulmonary cryptococcosis. B. H. Webster, Nashville	513
Uncommon mediastinal tumors. M. Richard Pachter and R. Lattes, New York City	519
Progress in cardiovascular surgery: mitral valve replacement—clinical experience with the ball-valve prothesis. Donald B. Effler and Lawrence K. Groves, Cleveland	529
Roentgenogram of the month. Max A. Forse, Portland, Oregon.	539
Summary of current therapy: present status of anticoagulant therapy in acute myocardial infarction. Henry I. Russek, Staten Island	541
Electrocardiogram of the month: retrograde atrial conduction with complete heart block following implantation of an internal ventricular pacemaker.  Crawford W. Adams, Nashville	544
Klebsiella pneumonia with pneumothorax, pneumomediastinum and pneumoperitoneum.  Leonard F. Greenberg and S. Benham Kahn, Philadelphia	546
Paroxysmal cardiac arrest. Walter G. Frey, III, White River Junction, Vermont	_ 551
Non-opaque foreign body bronchiectasis.  H. Bierman Othersen, Jr. and Wendell B. Thrower, Charleston, South Carolina	554
Chemoprophylaxis of tuberculosis. Report of the committee on chemotherapy and antibiotics	557
Highlights from Seventh International Congress	561
Number 6, June, 1963  Unusual manifestations of patent ductus arteriosus in infancy. Kenneth Cruze, Larry P. Elliott. Gerold L. Schiebler and Myron W. Wheat, Jr., Gainesville, Florida	563
Surgical treatment of the complications resulting from cardioesophageal incompetence.  William E. Neville, Hines, Illinois, and George H. A. Clowes, Jr., Charleston, S. C.	572
The pattern and behavior of pulmonary tuberculosis in diabetic patients.  S. El-Warraki, Cairo, Egypt	582
Roentgenographic manifestations of pulmonary histoplasmosis.  Irving K. Ettman and Wheelan D. Sutliff, Memphis	587
Incomplete left bundle branch block.  R. H. Wasserburger, D. H. White and E. R. Lindsay, Madison, Wisconsin	594
Surgical treatment in late complications of primary tuberculosis.  H. Romanoff, H. Milwidsky and H. Beham, Jerusalem, Israel.	601
Specific epithelial degeneration (ciliocytophthoria) in inflammatory and malignant respiratory disease. Milton B. Rosenblatt, Salvador Trinidad, James R. Lisa and Victor Tchertkoff, New York City.	605
Diffusing capacity of the lungs at rest and on exercise in adults with atrial or ventricular septal defect. H. H. Rotman and C. R. Woolf, Toronto, Canada	613
Lung abscess: A study of 148 cases due to aspiration.  W. F. Bernhard, J. A. Malcolm and R. H. Wylie, New York City	620
Summary of current therapy: treatment of bacterial endocarditis. William L. Hewitt, Los Angele	s 631
Progress in cardiovascular surgery: Congenital mitral insufficiency. George W. B. Starkey, Boston	639
Electrocardiogram of the month: anteroseptal myocardial infarction developing in stages.  Harold Linn and Alfred Pick, Chicago	644
Roentgenogram of the month. Maurice Campagna, New Orleans	646
Case report:	
Bilateral giant subpleural blebs. Joseph Goorwitch and Harry Weiner, Los Angeles	648
Editorial: State health officials and tuberculosis in schools. J. Arthur Myers, Minneapolis	652
Highlights from Seventh International Congress	656

# DISEASES OF THE CHEST AUTHOR INDEX

#### VOLUME 44-JULY-DECEMBER, 1963

Aaronson, A. L. See Snider, Gordon L.	408
Adam, Maurice. See Davis, Milton V.	492
Adams, Crawford W. Electrocardiogram of the month: atrial sound in presence of mitral stenosis	538
Aletras, A., V. O. Bjork, B. Fors, F. Intonti and R. Madsen. "Benign" bronchopulmonary neoplasms	498
Allenstein, B. J., George D. Amromin and Arthur J. Henning. An unusual cardiac anomaly:  Ebstein-like malformation of the left atrioventricular valve masquerading as a dextrocardia.	642
Amromin, George D. See Allenstein, B. J.	642
Anderson, William H. A simple test of abnormal ventilation-perfusion relationships	478
Androsov, P. I. New instruments for thoracic surgery	590
Anzai, Tetsuro. See Ibayashi, Jun	514
Arcilla, Rene A. See Namin, Ernesto P.	313
Aschner, M. and S. Schorr. Intercostal lung bulging, a roentgen sign of emphysema in adults	475
Avni, J. See Ben-Hur, N.	653
Bakir, Farhan. Fatal sternal puncture	435
Ballard, Thomas A. See Weimer, John T.	268
Barnes, Robert N. See Williams, Marjorie J.	95
Bashour, F. A. and P. W. Cochran. Association of electrical alternans with pericardial effusion	146
Beall, Arthur C. Jr. See Greenberg, S. Donald	320
Ben-Hur, N., J. Avni and Z. Neuman. Basal cell carcinoma following BCG vaccination	653
Berktin, Kemal. See Onat, Altan	649
Bjork, V. O. See Aletras, A.	498
Blair, Emil and R. Adams Cowley. Hypothermia in emergency pulmonary resection	333
Blair, T. Calvin and Richard B. McElvein. Hamartoma of lung	296
Bloor, Colin M. See Lowman, Robert M.	154
Bluth, Irwin. See Sahn, Stanley H.	542
Bogedain, William, John Carpathios and Akram Najib. Leiomyoma of the esophagus	391
Bower, George. Intrathoracic sarcoidosis	457
Bueno, Antonio C. See Kloetzel, Kurt	368
Bulterijs, A. B. See Meijne, N. G.	234
Burch, B. H., A. A. Michals and A. C. Miller.  A new method for avoiding persistent air leaks following segmental pulmonary resection.	381
Burchell, Howard B. and Ralph S. Zitnik.	
Phonocardiographic study of patients with total prosthetic mitral valve replacement	11
Cardozo, Richard. See DeWall, Richard	113
Carpathios, John. See Bogedain, William	391
Carpenter, Carlton L. Jr. See Neder, George A. Jr.	263
Carpenter, Charles M. See Ibayashi, Jun	514
Cathcart, Richard T., William Fraimow and John Y. Templeton.  Postinfarction ventricular aneurysm: four year follow up of surgically treated cases	449
Christlieb, Ignacio I., J. Francis Dammann, Jr., Nalda S. Thung and William H. Muller, Jr.  Postoperative care in cardiac surgery: a frequent determinant of success or failure	47
Cochran, P. W. and F. A. Bashour. Association of electrical alternans with pericardial effusion	146
Committee on Nonsurgical and Drug Therapy. Treatment of tuberculosis	444
Cooper, T. See Hanlon, C. R.	88
Cosby, Richard S. The intermediate coronary syndrome	251
Cotlar, Alvin M., Irvin D. Fleming, Paul E. Thomas and Lawrence H. Strug.  Increased survival from cardiac arrest since introduction of external massage	400
Cowley, R. Adams and Emil Blair. Hypothermia in emergency pulmonary resection	333
Culiner, Morris M. Obliterative bronchitis and bronchiolitis with bronchiectasis	351

Dahl, Sven. Asthma bronchiale caused by partial bronchostenosis	288
Dahlin, David C. and Matthew B. Divertie. Neurilemmoma of rib	635
Dammann, J. Francis, Jr. See Christlieb, Ignacio I.	47
Davis, Milton V., Ben F. Mitchel and Maurice Adam. Importance of bronchial and bronchiolar physiology and pathophysiologic changes in management of chest injuries.	492
Day, Hughes W. Summary of current therapy: an intensive coronary care area	423
DeGraff, Arthur C. and Solomon Fisch. Summary of current therapy: coronary vasodilators	533
de Queiroz, Radyr. See Kloetzel, Kurt	368
Derbes, Vincent J. See Neder, George A. Jr.	263
DeWall, Richard, C. Walton Lillehei, Paul Hodges, David Long, James Wade and Richard Cardozo.  Description of the helical reservoir bubble-type pump oxygenator for hemodilution hypothermic perfusions.	113
Dietrich, Donald E. Roentgenogram of the month	315
Divertie, Matthew B. and David C. Dahlin. Neurilemmoma of rib.	635
Dixit, R. P. and O. P. Mital. Role of pneumoperitoneum in treatment of tuberculosis	610
Dreifus, Leonard, Thomas F. McGarry and Demetrios Kimbiris. Summary of current therapy: new concepts in approach to digitalis therapy for atrial fibrillation	_ 197
and Joseph Uricchio. Electrocardiogram of the month: a complication of an implanted electric pacemaker	431
Duckler, Lawrence. Pulmonary eosinophilic granuloma	
Eloff, S. J. P. See Meijne, N. G.	
Fancy, Henry F. and James R. Webster, Jr. Systemic lupus erythematosus.	
Farber, Seymour M. and Raphael B. Reider. Changing patterns in chest disease: a perspective of two decades	
Faris, R. A. A ten-year plan for tuberculosis eradication in Jordan	
Felson, Benjamin and Richard Gerle. Metastatic endobronchial hypernephroma	
Fisch, Solomon and Arthur C. DeGraff. Summary of current therapy: coronary vasodilators	
Fishbein, Ronald H. and Robert J. Wilder. Thoracic surgery in patients over seventy.	
	400
Fletcher, C. M. An account of chronic bronchitis in Great Britain with a comparison between British and American experience of the diseases	. 1
	126
Foege, William H. and Reimert T. Ravenholt.  Epidemiology and treatment of lung cancer in Seattle	174
Fors, B. See Aletras, A.	498
Fraimow, William. See Cathcart, Richard T.	449
Frank, Michael I. See Snider, Gordon L.	408
Gasul, Benjamin. See Namin, Ernesto P.	
Gerle, Richard and Benjamin Felson. Metastatic endobronchial hypernephroma	225
	524
Goldman, I. Ralph. Electrocardiogram of the month: WPW syndrome and myocardial infarction	
Gonzalez-Angulo, Amador. See Greenberg, S. Donald	320
Goodman, Jay S. and Robert J. Myerburg.  A-V dissociation with triple ventricular capture beats and varying pathways of conduction	213
Goodman, Morton J. See Huntington, Howard W.	329
Gottlieb, Sheldon F. Editorial: the possible use of high pressure oxygen in treatment of leprosy and tuberculosis	215
Greenberg, S. Donald, Arthur C. Beall, Jr. and Amador Gonzalez-Angulo. Granular cell myoblastoma producing bronchial obstruction	
Greenstein, Saul. Pulmonary edema due to salicylate intoxication	554
Gross, Paul. Editorial: pneumoconiosis—an aspect from a different angle	
Chronic lung disease and changing concepts	
Guilfoil, Paul H. Roentgenogram of the month.	
Haden, Robert F., Per H. Langsjoen, Morton I. Rapoport and Jules J. McNerney.  Significance of sinus bradycardia in acute myocardial infarction	168

Haglin, John J. See Hitchcock, Claude R.	622
Hamilton, C. A. and Thomas Thom.  Relative frequency of rheumatic valve defects in North Dakota	509
Hanafee, William and Albert Kattus. Coronary angiography	602
Hanlon, C. R., T. Cooper and V. L. Willman.  Progress in cardiovascular surgery: cardiovascular responses to hyperthermia	88
Harris, Russell H. See Hitchcock, Claude R.	622
Henning, Arthur J. See Allenstein, B. J.	642
Hentel, William and A. N. Longfield. Morphologic changes in pulmonary emphysema	362
	500
Hering, A. C. and Eugene G. Laforet.  Intrapleural insufflation of dicetyl phosphate to promote pleural symphysis.	505
Hitchcock, Claude R., Russell H. Harris and John J. Haglin.  Progress in cardiovascular surgery: hyperbaric oxygenation in cardiac and pulmonary disease	622
Hodges, Paul. See DeWall, Richard	113
Hoffman, Dietrich and Ernest L. Wynder. Experimental aspects of tobacco carcinogenesis	337
Hood, James E. See Ibayashi, Jun	514
Huntington, Howard W., J. Karl Poppe and Morton J. Goodman.  Carcinoma arising in a congenital cyst of the lung	329
Hurwitt, Elliott S. and Bernard Seidenberg.	
Progress in cardiovascular surgery: nonsuture techniques for vascular anastomosis	529
Hyde, Leroy. Roentgenogram of the month	93
See Ibayashi, Jun	_ 514
Ibayashi, Jun, Tetsuro Anzai, James E. Hood, Leroy Hyde and Charles M. Carpenter.  Immunochemical analysis of bronchogenic carcinomatous sputum with special reference to secretion-specific protein	514
Intonti, F. See Aletras, A.	498
	284
Ireland, H. D. Tuberculinization in Kent County, Michigan	649
Kapanci, Yusuf. See Onat, Altan	
Kaplan, Morris A. See Snider, Gordon L.	408
Kattus, Albert and William Hanafee. Coronary angiography	602
Kimbiris, Demetrios. See Dreifus, Leonard	197
Kloetzel, Kurt, Antonio C. Bueno and Radyr de Queiroz.  Involvement of the tracheobronchial tree in South American blastomycosis	368
Konno, Souji and Shigeru Sakakibara. Endo-myocardial biopsy	345
Kotia, Kailiash C. and Lalbhai M. Sanghvi.  Heart failure in patients with chronic pulmonary emphysema	67
Krovetz, L. Jerome. Weight gain in children with patent ductus arteriosus	274
Kurucz, Janos. See Petit, Maurice A.	126
Laforet, Eugene G. and A. C. Hering.  Intrapleural insufflation of dicetyl phosphate to promote pleural symphysis	505
Lattes, R. and M. R. Pachter.  Neurogenous tumors of the mediastinum: a clinico-pathologic study based on 50 cases	79
Mediastinal cysts: a clinicopathologic study of 20 cases	416
Lee, Bok Y. See Tchertkoff, Victor	440
Lepper, Mark H. Opportunistic gram-negative rod pulmonary infections	. 18
Lillehei, C. Walton. See DeWall, Richard	. 113
Lin, Chi-chung and Sze-Piao Yang. Pulmonary alveolar microlithiasis	
Long, David. See DeWall, Richard	. 113
Longfield, A. N. and William Hentel. Morphologic changes in pulmonary emphysema	
Lowman, Robert M., Colin M. Bloor and Allan N. Newcomb.  Roentgen manifestations of thoracic extramedullary hematopoiesis	
McElvein, Richard B. and T. Calvin Blair. Hamartoma of lung	206
McGarry, Thomas F. See Dreifus, Leonard	. 197
McGladdery, H. M. See Snelling, M. R. J.	
Madsen, R. See Aletras, A.	498
Malm, Arne. Chronic constrictive pericarditis with special reference to pre- and postoperative hemodynamics	307

Martinez-Lopez, Jorge I. Roentgenogram of the month	539
Massullo, Edmund. See Saadi, Elias	104
Mayo, Porter. Fibrous dysplasia of rib	207
Meijne, N. G., A. B. Bulterijs, G. Schoemaker and S. J. P. Eloff. Treatment of dogs with oxygen under high atmospheric pressure, after ligation of descending branch of left coronary artery	234
Mendel, Julius L. and Marjorie J. Williams.  Pulmonary emphysema, adrenocortical hyperplasia and peptic ulceration	303
Mendenhall, Elliott Ir. and Will Camp Sealy. Surgical management of pulmonary histoplasmosis	614
Michals, A. A. See Burch, B. H.	381
Miller, A. C. See Burch, B. H.	381
Minnis, J. F. Jr. and Marvin Reingold. Accessory diaphragm	554
Mital, P. P. and R. P. Dixit. Role of pneumoperitoneum in treatment of tuberculosis	610
Mitchel, Ben F. See Davis, Milton V.	492
Mosko, Milton M. See Snider, Gordon L.	408
Muller, William H. Jr. See Christlieb, Ignacio I.	47
Myerburg, Robert J. and Jay S. Goodman.  A-V dissociation with triple ventricular capture beats and varying pathways of conduction	213
Myers, Charles E. Anthracosilico-tuberculosis as seen in a general hospital	469
Myers, J. Arthur. Prognosis and treatment of tuberculosis among children	27
Editorial: the death struggle	656
Naeye, Richard L. Pulmonary vascular lesions in systemic scleroderma	374
Najib, Akram. See Bogedain, William	391
Namin, Ernesto P., Rene A. Arcilla and Benjamin M. Gasul.  Vectorcardiogram and electrocardiogram in corrected transposition of the great vessels	313
Nardi, George L. and Robert S. Shaw.	
Progress in cardiovascular surgery: emergency coronary endarterectomy	193
Neder, George A. Jr., Vincent J. Derbes, Carlton L. Carpenter, Jr. and Morton M. Ziskind.  Death in status asthmaticus: role of sedation	263
Neuman, Z. See Ben-Hur, N. Newcomb, Allan N. See Lowman, Robert W.	653
Niess, Oliver K. and Robert B. Stonehill. Dysbarism: a jet age problem of all physicians	121
Onat, Altan, Kemal Berktin and Yusuf Kapanci.  Localized pleural mesothelioma of epithelial type and malignant nature	649
Owren, P. A. Coronary artery insufficiency	561
Pachter, M. R. and R. Lattes. Neurogenous tumors of the mediastinum: a clinicopathologic study based on 50 cases.	79
Mediastinal cysts: a clinicopathologic study of 20 cases	416
Pecora, David V. Cavernectomy for pulmonary tuberculosis	258
Petit, Maurice A., Janos Kurucz and Walter Florange.  A new method for anatomoradiologic study of the lung after resection	126
Petter, Charles K. What price apathy—a school epidemic of tuberculosis	587
Pfaff, William W. and Herbert L. Tanenbaum.	105
Effect of pressor amines on experimental intracardiac shunts and valvular regurgitation	485
Ponnampalam, J. T. See Snelling, M. R. J.	100
Poppe, J. Karl. See Huntington, Howard W.	329
Pryor, Ray. Electrocardiogram of the month: antero-lateral myocardial infarction, peri-infarction block	201
Punte, Charles L. See Weimer, John T.	268
Radner, David B. See Snider, Gordon L.	408
Rakower, J. See Rogel, S.	186
Ravenholt, R. T. and William H. Foege. Epidemiology and treatment of lung cancer in Seattle	174
Reider, Raphael B. and Seymour M. Farber. Changing patterns in chest disease: a perspective of two decades	573
	554
Reingold, Marvin and J. F. Minnis, Jr. Accessory diaphragm	
Riberi, Angelo. See Saadi, Elias	104
Rinard, Lila A. and S. William Simon. Autogenous bacterial antigen complexes used successfully in chronic lung disease unresponsive to antibiotics and other therapy.	550
Robinson, Saul J. Progress in cardiovascular surgery: experiences in the surgical treatment of tetralogy of Fallot: comparison of results with and without previous palliative operation.	428
Rogel, S., A. Schwartz and J. Rakower. Differentiation of dextroversion from dextroposition of	186

Bronchogenic carcinoma: relation to antecedent pulmonary infection	598
Saadi, Elias, Angelo Riberi and Edmund Massullo. Bilateral spontaneous pneumothorax	
Sahn, Stanley H., Irwin Bluth and Herbert Schub. Pulmonary arteriovenous fistula.	542
Sakakibara, Shigeru and Souji Konno. Endo-myocardial biopsy.	
Sanghvi, Lalbhai M. and Kailash C. Kotia.	
Heart failure in patients with chronic pulmonary emphysema	. 67
Schepers, G. W. H. Lung disease caused by inorganic and organic dust	133
Schoemaker, G. See Meijne, N. G.	234
Schorr, S. and M. Aschner. Intercostal lung bulging, a roentgen sign of emphysema in adults	
Schrire, T. Control of the crushed chest	. 141
Schub, Herbert. See Sahn, Stanley H.	542
Schwartz, A. See Rogel, S.	
Scott, Benjamin F. Cylindromatous adenoma of the bronchus in a four-year-old child	547
Sealy, Will Camp and Elliott Mendenhall, Jr. Surgical management of pulmonary histoplasmosis.	614
Seidenberg, Bernard and Elliott S. Hurwitt.  Progress in cardiovascular surgery: nonsuture techniques for vascular anastomosis	
Shaw, Robert S. and George L. Nardi.	
Progress in cardiovascular surgery: emergency coronary endarterectomy	. 193
	. 550
Snelling, M. R. J., H. M. McGladdery and J. T. Ponnampalam. Bronchopulmonary aspergillosis	. 100
Snider, Gordon L., Michael I. Frank, A. L. Aaronson, David B. Radner, Morris A. Kaplan and	
Milton M. Mosko. Effect of dexamethasone aerosol on airway obstruction in bronchial asthma	
Sommers, Sheldon C. See Williams, Marjorie J.	95
Stonehill, Robert B. and Oliver K. Niess. Dysbarism: a jet age problem of all physicians	. 121
Strug, Lawrence H. See Cotlar, Alvin M.	. 400
Tanenbaum, Herbert L. and William W. Pfaff.	
Effect of pressor amines on experimental intracardiac shunts and valvular regurgitation	
Tchertkoff, Victor, Bok Y. Lee and Bernard M. Wagner. Plasma cell granuloma of lung	440
Teixeira, Jesse. A practical viscosimeter for suspensions of barium and methylcellulose in bronchography	43
Templeton, John Y. See Cathcart, Richard T.	
Thom, Thomas and C. A. Hamilton. Relative frequency of rheumatic valve defects in North Dakota.	
	400
Thompson, J. Robert. Bronchogenic carcinoma complicating situs inversus totalis.	
Thung, Nalda S. See Christlieb, Ignacio I.	4/
Uricchio, Joseph and Leonard Dreifus.  Electrocardiogram of the month: complication of an implanted pacemaker.	431
Wagner, Bernard M. See Tchertkoff, Victor	110
Waldman, Samuel. Electrocardiogram of the month: premature systoles in hypopotassemia of unusual genesis	90
Warraki, S. E. Pulmonary amebiasis of upper lobe	
Webster, James R. Jr. and Henry F. Fancy. Systemic lupus erythematosus.	
Weimer, John T., Thomas A. Ballard and Charles L. Punte.	210
Respiratory retention of one micron particles in man	060
Weinstein, Haskell J. Roentgenogram of the month	
Weintraub, Ronald A. Roentgenogram of the month	
Wilder, Robert J. and Ronald H. Fishbein. Thoracic surgery in patients over 70	61
Williams, Marjorie J., Robert N. Barnes and Sheldon C. Sommers.	entre.
Hyponatremia, antidiuretic hormone secretion and oat-cell carcinoma of the lung.	
and Julius L. Mendel. Pulmonary emphysema, adrenocortical hyperplasia and peptic ulceration	
Willman, V. L. See Hanlon, C. R.	. 88
Wynder, Ernest L. and Dietrich Hoffman. Experimental aspects of tobacco carcinogenesis.	
Yang, Sze-Piao and Chi-Chung Lin. Pulmonary alveolar microlithiasis.  Yildiz, Muhtar and Milton B. Rosenblatt.	163
Bronchogenic carcinoma: relation to antecedent pulmonary infection	500
Yungco, Jess Chan. Tuberculosis of the tongue in patients with pulmonary tuberculosis.	
Ziskind, Morton M. See Neder, George A. Jr.	
	203
Zitnik, Ralph S. and Howard B. Burchell.  Phonocardiographic study of patients with total prosthetic mitral valve replacement	11

# DISEASES OF THE CHEST SUBJECT INDEX

#### VOLUME 44—JULY-DECEMBER, 1963

	539
Adenoma, bronchial (carcinoid)	
cylindromatous, of bronchus	547
Aerosol, dexamethasone, in asthma	408
Air leaks, new method for avoiding	381
Alveolar proteinosis	93
Amebiasis, pulmonary	325
Anatomo-radiologic study of lung after resection	126
Angiography, coronary	602
Anthracosilico-tuberculosis	469
Antidiuretic hormone secretion	95
Arteriovenous fistula, pulmonary	542
Aspergillosis, bronchopulmonary	100
Asthma bronchiale caused by partial bronchostenosis	288
dexamethasone aerosol in	408
Atrial sound in mitral stenosis	538
Autogenous B.A.C. in chronic lung disease	550
A-V dissociation	213
BCG vaccination, basal cell carcinoma following	653
Blastomycosis, South American	368
Book reviews:	
Principles of chest x-ray diagnosis, by George Simon	448
Bronchial asthma, its diagnosis and treatment, by Albert H. Rowe and Albert H. Rowe, Jr.	448
Fungus diseases of the lungs, by David T. Smith	448
	558
Physical diagnosis of the heart, by Noble Fowler	558
Clinical Anatomy, by Otto C. Brantigan	000
Primer of clinical measurement of blood pressure, by George E. Burch and	558
Nicholas P. DePasquale	168
Bradycardia, sinus, in acute myocardial infarction	539
Dionemai adenoma (caremord)	492
Bronchial and bronchiolar physiology in chest injuries	351
Bronchiectasis	492
Bronchiolar physiology in chest injuries	1
Bronchitis, chronic, in Great Britain	351
obliterative P	351
Bronchiolitis	42
Bronchography, viscosimeter for	288
Bronchostenosis, partial	337
Carcinogenesis, tobacco	95
Carcinoma, oat-cell	174
of lung, in Seattle	317
bronchogenic, complicating situs inversus totalis	329
in congenital cyst of lung.	598
bronchogenic, antecedent pulmonary infection	633
of bladder, producing pulmonary metastases	
basal cell, following BCG vaccination	653 514
Carcinomatous sputum, immunochemical analysis	642
Cardiac anomaly, Ebstein-like	400
Cardiac arrest, increased survival	
Cardiac surgery, postoperative care	47
Cavernectomy for pulmonary tuberculosis	258
Chest disease, changing patterns	573
Chest injuries, management	
Chronic lung disease	
Autogenous B.A.C. in	550
Coronary angiography	
Coronary artery insufficiency	561
Coronary syndrome, intermediate	251
Coronary vasodilators	533
Crushed chest, control	141
Dexamethasone aerosol in asthma	408
Dextroposition of heart	186
Dextroversion of heart	186
Diaphragm, accessory	554
Dicetyl phosphate insufflation to promote pleural symphysis	505
Digitalis therapy for atrial fibrillation	197
20 Second the same and the same	Lal

Plasma cell granuloma of lung	440
Pleural mesothelioma	649
Pleural symphysis with dicetyl phosphate insufflation	505
Pneumoconiosis (editorial)	106
Pneumoperitoneum in tuberculosis	610
Pneumothorax, bilateral spontaneous	104
Postoperative care in cardiac surgery  Pressor amines in experimental intracardiac shunts and valvular regurgitation	485
Progress in cardiovascular surgery:	103
July: Cardiovascular responses to hyperthermia	88
August: Emergency coronary endarterectomy	193
September: Chronic constrictive pericarditis with special reference to pre- and postoperative hemodynamics	307
October: Experiences in surgical treatment of tetralogy of Fallot: comparison of results	307
with and without previous palliative operation	428
November: Nonsuture techniques for vascular anastomosis	
December: Hyperbaric oxygenation in cardiac and pulmonary disease	622
Prosthetic mitral valve replacement, total	11
Pump oxygenator, helical reservoir bubble-type	113
Resection, new method for anatomo-radiologic study	126
hypothermia in emergency pulmonary	333
segmental pulmonary	381
Respiratory retention of one micron particles in man	268
Rheumatic valve defects, relative frequency	509
Rib, neurilemmoma of	635
Roentgenogram of the month:	
July: Pulmonary alveolar proteinosis	93
August: Paragonismus infestation of lung	203
September: Intrathoracic herniation of kidney	315
October: Pedunculated fibrous mesothelioma	433
November: Bronchial adenoma (carcinoid type)	539
December: Excavating pulmonary metastases from transitional cell carcinoma of bladder	633
Sarcoidosis, intrathoracic	457
Scleroderma, systemic	
Situs inversus totalis, bronchogenic carcinoma complicating	
Sputum analysis, immunochemical, in bronchogenic carcinoma	
Status asthmaticus, death in and sedation	
Sternal puncture, fatal	435
Summary of current therapy:	107
August: New concepts in the approach to digitalis therapy for atrial fibrillation	197 423
October: An intensive coronary care area	533
November: Coronary vasodilators Tetralogy of Fallot, surgical treatment	428
Thoracic surgery in patients over seventy	61
new instruments for	590
Tobacco carcinogenesis, experimental aspects	
Tongue, tuberculosis of	638
Transposition of great vessels, ECG and VCG in	
	284
Tuberculosis among children	
eradication plan in Jordan	59
high pressure oxygen in	215
cavernectomy	
treatment (non-hospital)	444
school epidemic	587
death struggle (editorial)	653
role of pneumoperitoneum	610
of tongue	
Ulceration, peptic, and pulmonary emphysema	
Valvular regurgitation, effect of pressor amines	
Vascular anastomosis, nonsuture techniques	
Vascular lesions, pulmonary, in systemic scleroderma	
Vasodilators, coronary	
Vectorcardiogram and electrocardiogram in corrected transposition of great vessels	313
Ventilation-perfusion relationships, abnormal	
Ventricular aneurysm, postinfarction Viscosimeter for bronchography	449
WPW syndrome and myocardial infarction	620

# DISEASES of the CHEST



VOLUME 44 JULY-DECEMBER, 1963

# DISEASES of the CHEST

Official Publication

of the

#### AMERICAN COLLEGE OF CHEST PHYSICIANS

EDITORIAL BOARD

JAY ARTHUR MYERS, Chairman Minneapolis, Minnesota

Andrew L. Banyai Chicago ARTHUR M. MASTER
New York

HENRY C. SWEANY Mount Vernon, Missouri RICHARD H. OVERHOLT

#### ASSOCIATE EDITORS

JOHN M. ADAMS
Los Angeles

WILLIAM E. ADAMS Cihcago

MILTON W. ANDERSON Rochester, Minn.

FOUAD BASHOUR
Dallas

Boston

EDWARD A. BOYDEN
Seattle

Beverly Hills, Calif.

STEPHEN R. ELEK
Los Angeles

SEYMOUR M. FARBER
San Francisco

BENJAMIN FELSON Cincinnati

HANS H. HECHT Salt Lake City

PAUL H. HOLINGER Chicago

> ROSS C. KORY Milwaukee

WILLIAM LESTER
Denver

Washington, D. C.

WILLIAM LIKOFF
Philadelphia

THOMAS W. MATTINGLY Washington, D. C.

Chicago

JOSEPH W. PEABODY, JR. Washington, D. C.

LEO G. RIGLER
Los Angeles

DAVID M. SPAIN Brooklyn, N. Y.

ERNEST O. THEILEN lowa City

#### CORRESPONDING ASSOCIATE EDITORS

Donato G. Alarcon, Mexico
Mariano M. Alimurung, Philippines
Jose Ignacio Baldo, Venezuela
Etienne Bernard, France
Ite Boerema, The Netherlands
Clarence Crafoord, Sweden
Lopo de Carvalho, Portugal
Celal Ertug, Turkey
Ovidio Garcia Rosell, Peru
Fernando D. Gomez, Uruguay
Joachim Hein, Germany

H. W. Knipping, Germany
William Loeffler, Switzerland
David P. Marais, South Africa
Andre Meyer, France
Papken S. Mugrditchian, Lebanon
Jo Ono, Japan
Hector Orrego Puelma, Chile
Juda M. Pauzner, Israel
Hilary Roche, Australia
Raul F. Vaccarezza, Argentina
Raman Viswanathan, India

Attilio Omodei Zorini, Italy

EXECUTIVE OFFICE

112 East Chestnut Street, Chicago 11, Illinois, U.S.A.

MURRAY KORNFELD, Managing Editor

WARD BENTLEY, Publication Manager

Copyright, 1963, by the American College of Chest Physicians

# Number 1, July, 1963

An account of chronic bronchitis in Great Britain with a comparison between British and American experience of the disease. C. M. Fletcher, London, England	
A phonocardiographic study of patients with total prosthetic mitral valve replacement.  Ralph S. Zitnik and Howard B. Burchell, Rochester, Minnesota	
Opportunistic gram-negative rod pulmonary infections. Mark H. Lepper, Chicago	
Prognosis and treatment of tuberculosis among children. J. Arthur Myers, Minneapolis	. :
A practical viscosimeter for suspensions of barium and methylcellulose in bronchography.  Jesse Teixeira, Rio de Janeiro, Brazil	_ 4
Postoperative care in cardiac surgery: a frequent determinant of success or failure.  Ignacio I. Christlieb, J. Francis Dammann, Jr., Nalda S. Thung and William H. Muller, Jr.,  Charlottesville, Virginia	
A ten-year plan for tuberculosis eradication in Jordan. R. A. Faris, Amman, Jordan.	
Thoracic surgery in patients over seventy. Robert J. Wilder and Ronald H. Fishbein, Baltimore	. (
Heart failure in patients with chronic pulmonary emphysema.  Lalbhai M. Sanghvi and Kailash C. Kotia, Jaipur, India	. 1
Neurogenous tumors of the mediastinum: a clinicopathologic study based on 50 cases.  M. R. Pachter and R. Lattes, New York City.	
Progress in cardiovascular surgery: cardiovascular responses to hyperthermia.  C. R. Hanlon, T. Cooper and V. L. Willman, St. Louis	
Electrocardiogram of the month: premature systoles in hypopotassemia of unusual genesis.  Samuel Waldman, Brooklyn	. !
Roentgenogram of the month. Leroy Hyde, Long Beach, California	
Case reports:  Hyponatremia, antidiuretic hormone secretion and oat cell carcinoma of the lung.  Marjorie J. Williams, Robert N. Barnes and Sheldon C. Sommers, Temple, Texas	
Bronchopulmonary aspergillosis. M. R. J. Snelling, H. M. McGladdery and J. T. Ponnampalam, Kuala Lumpur, Malaya	10
Bilateral spontaneous pneumothorax.  Elias Saadi, Angelo Riberi and Edmund Massullo, Youngstown	10
Editorial: Pneumoconiosis—an aspect from a different angle. Paul Gross, Pittsburgh	10
Highlights from the 29th annual meeting	10
Number 2, August, 1963	
Description of the helical reservoir bubble-type pump oxygenator for hemodilution hypothermic perfusions. Richard DeWall, Chicago; C. Walton Lillehei, Paul Hodges, David Long, James Wade and Richard Cardozo, Minneapolis	11
Dysbarism: a jet age problem of all physicians. Maj. General Oliver K. Niess, USAF, MC, Washington, D. C. and Col. Robert B. Stonehill, USAF, MC, San Antonio	12
A new method for anatomo-radiologic study of the lung after resection. Maurice A. Petit, Colmar, France; Janos Kurucz, Budapest, Hungary, and Walter Florange, Strasbourg, France.	12
Lung disease caused by inorganic and organic dust. G. W. H. Schepers, Wilmington, Delaware	13
Control of the crushed chest. T. Schrire, Cape Town, South Africa	14
Association of electrical alternans with pericardial effusion. F. A. Bashour and P. W. Cochran, Dallas	
Roentgen manifestations of thoracic extramedullary hematopoiesis  Robert M. Lowman, Colin M. Bloor and Allan N. Newcomb, New Haven	
	15
Pulmonary alveolar microlithiasis. Sze-Piao Yang and Chi-Chung Lin, Taipei, Taiwan.  Significance of sinus bradycardia in acute myocardial infarction. Capt. Robert F. Haden, Per H. Langsjoen, Capt. Morton I. Rapoport and Col. Jules J. McNerney, El Paso.	16
Epidemiology and treatment of lung cancer in Seattle.  Reimert T. Ravenholt, Paris, France, and William H. Foege, Denver	16
Differentiation of dextroversion from dextroposition of the heart and their relation to pulmonary abnormalities. S. Rogel, A. Schwartz and J. Rakower, Jerusalem, Israel	17
f. and f.	19

10			
n	79	16	'n
v	1	A	r

Diseases of the Chest

Progress in cardiovascular surgery: emergency coronary endarterectomy.  George L. Nardi and Robert S. Shaw, Boston	. 193
Summary of current therapy: new concepts in the approach to digitalis therapy for atrial fibrillation.  Leonard S. Dreifus, Thomas F. McGarry and Demetrics Kimbiris, Philadelphia	197
Electrocardiogram of the month: antero-lateral myocardial infarction: peri-infarction block.  Ray Pryor, Denver.	201
Roentgenogram of the month. Haskell J. Weinstein, Pasadena	203
Case reports: Pulmonary eosinophilic granuloma. Lawrence Duckler, Portland, Oregon	205
Fibrous dysplasia of rib. Porter Mayo, Lexington, Kentucky	207
Systemic lupus erythematosus. Capt. James R. Webster, Jr. and Lt. Colonel Henry F. Fancy, Fort Leavenworth, Kansas	210
A-V dissociation with triple ventricular capture beats and varying pathways of conduction.  Jay S. Goodman and Robert J. Myerburg, Baltimore	213
Editorial: the possible use of high pressure oxygen in the treatment of leprosy and tuberculosis.  Sheldon F. Gottlieb, Tonawanda, New York	215
Highlights from the 29th annual meeting	218
Number 3, September, 1963	
Metastatic endobronchial hypernephroma. Richard Gerle and Benjamin Felson, Cincinnati	225
Treatment of dogs with oxygen under high atmospheric pressure, after ligation of the descending branch of the left coronary artery. N. G. Meijne, A. B. Bulterijs, G. Schoemaker and S. J. P. Eloff, Amsterdam, The Netherlands	234
The intermediate coronary syndrome. Richard S. Cosby, Pasadena	251
Cavernectomy for pulmonary tuberculosis. David V. Pecora, Ray Brook, New York	258
Death in status asthmaticus: role of sedation. George A. Neder, Jr., Vincent J. Derbes, Carlton L. Carpenter, Jr. and Morton M. Ziskind, New Orleans	263
Respiratory retention of one micron particles in man.  John T. Weimer, Thomas A. Ballard and Charles L. Punte, Edgewood Arsenal, Maryland	268
Weight gain in children with patent ductus arteriosus. L. Jerome Krovetz, Gainesville, Florida	274
Tuberculinization in Kent County, Michigan. H. D. Ireland, Grand Rapids, Michigan.	284
Asthma bronchiale caused by partial bronchostenosis. Sven Dahl, Hallnas, Sweden	288
Hamartoma of the lung. T. Calvin Blair, Lansing, Michigan and Richard B. McElvein, Lexington, Kentucky	296
Pulmonary emphysema, adrenocortical hyperplasia and peptic ulceration.  Marjorie J. Williams and Julius L. Mendel, Temple, Texas	303
Progress in cardiovascular surgery: chronic constrictive pericarditis with special reference to pre- and postoperative hemodynamics. Arne Malm, Malmo, Sweden	307
Electrocardiogram of the month: the vectocardiogram and electrocardiogram in corrected transposition of the great vessels. Ernesto P. Namin, Rene A. Arcilla and Benjamin M. Gasul, Chicago	313
Roentgenogram of the month. Donald E. Dietrich, Duluth, Minnesota	315
Case reports:  Bronchogenic carcinoma complicating situs inversus totalis. J. Robert Thompson, Chicago	317
Granular cell myoblastoma producting bronchial obstruction. S. Donald Greenberg, Arthur C. Beall, Jr. and Amador Gonzalez-Angulo, Houston	320
Pulmonary amebiasis of the upper lobe. Sayyed E. Warraki, Cairo, Egypt	325
Carcinoma arising in a congenital cyst of the lung. Howard W. Huntington, J. Karl Poppe and Morton J. Goodman, Portland, Oregon	329
Hypothermia in emergency pulmonary resection.  Emil Blair and R. Adams Cowley, Baltimore, Maryland	333

### Number 4, October, 1963

Experimental aspects of tobacco carcinogenesis. Ernest L. Wynder and Dietrich Hoffman, New York	. 337
Endo-myocardial biopsy. Souji Konno and Shigeru Sakakibara, Tokyo, Japan	345
Obliterative bronchitis and bronchiolitis with bronchiectasis. Morris M. Culiner, San Francisco	. 351
Morphologic changes in pulmonary emphysema. William Hentel and A. N. Longfield, Albuquerque	362
Involvement of the tracheobronchial tree in South American blastomycosis.  Kurt Kloetzel, Antonio C. Bueno and Radyr de Queiroz, Sao Paulo, Brazil	368
Pulmonary vascular lesions in systemic scleroderma. Richard L. Naeye, Burlington, Vermont	. 374
A new method for avoiding persistent air leaks following segmental pulmonary resection.  B. H. Burch, A. A. Michals and A. C. Miller, Patton, California	381
Chronic lung disease and changing concepts. Paul Gross, Pittsburgh	385
Leiomyoma of the esophagus. William Bogedain, John Carpathios and Akram Najib, Canton, Ohio	. 391
Increased survival from cardiac arrest since the introduction of external massage.  Alvin M. Cotlar, Irvin D. Fleming, Paul E. Thomas and Lawrence H. Strug, New Orleans.  Effect of dexamethasone aerosol on airway obstruction in bronchial asthma.  Gordon L. Snider, Michael J. Frank, A. L. Aaronson, David B. Radner,  Morris A. Kaplan and Milton M. Mosko, Chicago	400
Mediastinal cysts: a clinicopathologic study of twenty cases.  M. R. Pachter and R. Lattes, New York	416
Summary of current therapy: an intensive coronary care area.  Hughes W. Day, Kansas City, Kansas	423
Progress in cardiovascular surgery: experiences in the surgical treatment of tetralogy of Fallot: a comparison of results with and without a previous palliative operation.  Saul J. Robinson, San Francisco.	428
Electrocardiogram of the month: a complication of an implanted electric pacemaker.  Leonard S. Dreifus and Joseph Uricchio, Philadelphia	431
Roentgenogram of the month. Paul H. Guilfoil, Dayton, Ohio	433
Case reports: Fatal sternal puncture. Farhan Bakir, Baghdad, Iraq	435
Plasma cell granuloma of the lung.  Victor Tchertkoff, Bok Y. Lee and Bernard M. Wagner, New York	440
The treatment of tuberculosis (with special reference to the non-hospitalized patient).  Committee on non-surgical and drug therapy	444
Book reviews	448
Number 5, November, 1963	
Postinfarction ventricular aneurysm: four year followup of surgically treated cases.  Richard T. Cathcart, William Fraimow and John Y. Templeton, III, Philadelphia	449
Intrathoracic sarcoidosis. George Bower, Detroit	457
Anthracosilico-tuberculosis as seen in a general hospital. Charles E. Myers, Kingston, Pennsylvania	469
Intercostal lung bulging, a roentgen sign of emphysema in adults.  S. Schorr and M. Aschner, Tel-Aviv-Yaffo, Israel	475
A simple test of abnormal ventilation-perfusion relationships.  William H. Anderson, Harlan, Kentucky	478
Effect of pressor amines on experimental intracardiac shunts and valvular regurgitation.  Herbert L. Tanenbaum, Washington, D. C. and William W. Pfaff, Bethesda, Maryland	485
The importance of bronchial and bronchiolar physiology and pathophysiologic changes in the management of chest injuries. Milton V. Davis, Ben F. Mitchel and Maurice Adam, Dallas	492
'Benign" bronchopulmonary neoplasms. A. Aletras, V. O. Bjork, B. Fors, F. Intonti and R. Madsen, Uppsala, Sweden	498
Intrapleural insufflation of dicetyl phosphate to promote pleural symphysis.  Eugene G. Laforet, Boston and A. G. Hering, Chelsea, Massachusetts	505
The relative frequency of rheumatic valve defects in North Dakota.  C. A. Hamilton and Thomas Thom, Bismarck, North Dakota	509

Immunochemical analysis of bronchogenic carcinomatous sputum with special reference to secretion-specific protein. Jun Ibayashi, Tetsuro Anzai, James E. Hood, Leroy Hyde and Charles M. Carpenter, Los Angeles	514
Industrial (hospital) therapy in a Veterans Administration hospital (chest center).  Jacob Goldberg, Castle Point, New York	524
Progress in cardiovascular surgery: non-suture techniques for vascular anastomosis.  Bernard Seidenberg and Elliott S. Hurwitt, New York City	529
Summary of current therapy: coronary vasodilators. Solomon Fisch and Arthur C. DeGraff, Bronx, New York	533
Electrocardiogram of the month: atrial sound in presence of mitral stenosis.  Crawford W. Adams, Nashville	538
Roentgenogram of the month. Jorge I. Martinez-Lopez, New Orleans	539
Case reports: Pulmonary arteriovenous fistula. Stanley H. Sahn, Irwin Bluth and Herbert Schub, Brooklyn	542
Cylindromatous adenoma of the bronchus in a four-year-old child.  Benjamin F. Scott, Memphis.	547
Autogenous bacterial antigen complexes used successfully in chronic lung disease unresponsive to antibiotics and other therapy. S. William Simon and Lila A. Rinard, Dayton, Ohio	550
Pulmonary edema due to salicylate intoxication. Saul M. Greenstein, Newington, Connecticut	552
Accessory diaphragm. J. F. Minnis, Jr. and Marvin Reingold, Brooklyn	554
Book reviews	558
Coronary artery insufficiency. P. A. Owren, Oslo, Norway  Changing patterns in chest disease: a perspective of two decades.  Raphael B. Reider and Seymour M. Farber, San Francisco	561
What price apathy—a school epidemic of tuberculosis. Charles K. Petter, Waukegan, Illinois	587
New instruments for thoracic surgery. P. A. Androsov, Moscow, U.S.S.R.	590
Bronchogenic carcinoma: relation to antecedent pulmonary infection.  Milton B. Rosenblatt and Muhtar Yildiz, New York City	598
Coronary angiography. William Hanafee and Albert Kattus, Los Angeles	602
The role of pneumoperitoneum in the treatment of tuberculosis.  O. P. Mital and R. P. Dixit, Kanpur, India	610
Surgical management of pulmonary histoplasmosis.  Elliott Mendenhall, Jr. and Will Camp Sealy, Durham, North Carolina	614
Electrocardiogram of the month: WPW syndrome and myocardial infarction.  I. Ralph Goldman, Memphis	620
Progress in cardiovascular surgery: hyperbaric oxygenation in cardiac and pulmonary disease.  Claude R. Hitchcock, Russell H. Harris and John J. Haglin, Minneapolis	622
Roentgenogram of the month. Ronald A. Weintraub, Cincinnati	633
Case reports:  Neurilemmoma of rib. Matthew B. Divertie and David C. Dahlin, Rochester, Minnesota	635
Tuberculosis of the tongue in patients with pulmonary tuberculosis.  Jess Chan Yungco, Farmingdale, New York	638
An unusual cardiac anomaly: Ebstein-like malformation of the left atrioventricular valve, masquerading as a dextrocardia.  B. J. Allenstein, George D. Amromin and Arthur J. Henning, Duarte, California	642
Localized pleural mesothelioma of epithelial type and malignant nature.  Altan Onat, Kemal Berktin and Yusuf Kapanci, Istanbul, Turkey	
Basal cell carcinoma following BCG vaccination.  N. Ben-Hur, J. Avni and Z. Neuman, Jerusalem, Israel	
Editorial: the death struggle. J. Arthur Myers, Minneapolis	
Author index, volume 44	
Subject index, volume 44	664

